

AMENDMENTS TO THE CLAIMS

1. – 7. (Canceled)

8. (Previously Presented) A heat-dissipating device, comprising:
a chassis;
a stator disposed on the chassis;
a rotor surrounding the stator and coupled to the stator;
a motor controller driving and controlling the heat-dissipating device without circuit boards; and

a container directly mounted on the chassis and having a slot to receive and directly position the motor controller.

9. (Previously Presented) The heat-dissipating device as claimed in claim 8, wherein the container is substantially square.

10. (Previously Presented) The heat-dissipating device as claimed in claim 9, wherein the slot is shaped according to the profile of the motor controller and is formed in the central portion of the container.

11. (Previously Presented) The heat-dissipating device as claimed in claim 8, wherein the chassis has a plurality of holes, and the container has a plurality of hooks engaging the holes and securing the container on the chassis.

12. (Previously Presented) The heat-dissipating device as claimed in claim 8, wherein the container is formed by a plurality of positioning pillars.

13. (Previously Presented) The heat-dissipating device as claimed in claim 12, wherein the positioning pillars have U-shaped cross sections respectively and are separated according to the profile of the motor controller.

14. (Previously Presented) The heat-dissipating device as claimed in claim 8, wherein the container is mounted on, adhered to, or integrally formed on the chassis.

15. (Previously Presented) The heat-dissipating device as claimed in claim 8, wherein the motor controller has a plurality of pins with broadened contacts to which a plurality of wires of an external device are connected.

16. (Previously Presented) The container as claimed in claim 9, wherein the motor controller is an integrated circuit to control the heat-dissipating device and detect the phase change of magnetic poles of the stator.

17. (Previously Presented) A heat-dissipating device, comprising:
a chassis;
a stator disposed on the chassis;
a rotor surrounding the stator and coupled to the stator;
a motor controller driving and controlling the heat-dissipating device without circuit boards; and
a container directly mounted on and protruding from the stator and having a slot to directly secure the motor controller.

18. (Previously Presented) The heat-dissipating device as claimed in claim 17, wherein the stator has a cover portion, and the container is mounted thereon.

19. (Previously Presented) The heat-dissipating device as claimed in claim 18, wherein the container is formed by a plurality of positioning pillars disposed on the cover portion.

20. (Previously Presented) The heat-dissipating device as claimed in claim 19, wherein the positioning pillars have U-shaped cross sections respectively and are separated according to the profile of the motor controller.

21. (Previously Presented) The heat-dissipating device as claimed in claim 18, wherein the container is mounted on, adhered to, or integrally formed on the cover portion.

22. (Previously Presented) The heat-dissipating device as claimed in claim 17, wherein the motor controller has a plurality of pins with broadened contacts to which a plurality of wires of an external device are connected.

23. (Previously Presented) The heat-dissipating device as claimed in claim 17, wherein the motor controller is an integrated circuit to control the heat-dissipating device and detect the phase change of magnetic poles of the stator.